



PURSUIT ENGINEERING

Boat Performance Test

Test Title: L2 20' Center Console Performance Test
Boat Model: L2
Hull #: L2201
Engine Model/HP: Yamaha _____ 150 hp
Propeller: 14-1/4" x 17" Reliance
Gear Ratio: 14:28 (2.0)
Weight as Tested: Dry lbs: 2,790 lbs.
 +Full Fuel, Water, Persons, Gear
Total Test lbs: 3,596 lbs.
Load: 60 Gal. Gas, 6 Gal. Water
 Two People 346#, 25# Gear

Test Date: March 8, 2011
Tested By: Kevin Allen
 Cory Rettenmaier
Test Location: Indian River
Air Temp(F°): 77
Water Temp(F°): 68
Wind MPH/Direction: 14 / SE
Water Cond: Light Chop
Fuel Capacity: 60 Gallons
Operating range: 5000 - 6000
Engine Mtg. Hole: #3

RPM	TRIM BAR	Direction: N				Direction: S				Averages			
		MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °	MPH	GPH	dB	RUN °
600	1	3.8	0.4	73.0	1	1.8	0.4	77.8	0	2.8	0.4	75.4	0.3
1000	1	5.2	0.7	82.3	1	3.6	0.7	79.1	.5	4.4	0.7	80.7	0.5
1500	2	6.6	1.2	82.6	1.0	5.2	1.2	82.2	1.0	5.9	1.2	82.4	1.0
2000	2	8.0	2.0	88.5	1.0	6.7	2.0	87.3	4.0	7.4	2.0	87.9	2.5
2500	3	8.6	3.1	88.8	6.0	7.7	3.2	88.0	5.5	8.2	3.2	88.4	5.8
3000	4	10.9	4.4	89.1	9.0	10.1	3.7	89.0	4.5	10.5	4.1	89.1	6.8
3500	5	21.7	4.8	89.2	2.0	22.3	5.3	89.0	3.0	22.0	5.1	89.1	2.5
4000	5	26.8	6.4	89.2	1.5	26.9	6.3	89.7	3.0	26.9	6.4	89.5	2.3
4500	4	32.1	9.2	89.3	2.0	36.4	9.5	89.7	2.5	34.3	9.4	89.5	2.3
5000	4	37.1	10.3	89.6	1.0	35.3	9.6	89.7	1.0	36.2	10.0	89.7	1.0
5500	4	41.3	13.1	90.1	3.0	40.0	14.3	90.3	3.0	40.7	13.7	90.2	3.0
5800	6	44.4	14.6	91.0	2.5	41.9	14.7	90.3	1.0	43.2	14.7	90.7	1.8
6050	7	46.1	15.8	90.1	3.5	44.7	15.8	85.3	2.5	45.4	15.8	87.7	3.0

* Trim measured in bars taken from the Yamaha trim meter
 Avg. Light Load Performance (60 gallons Fuel & No Water) =

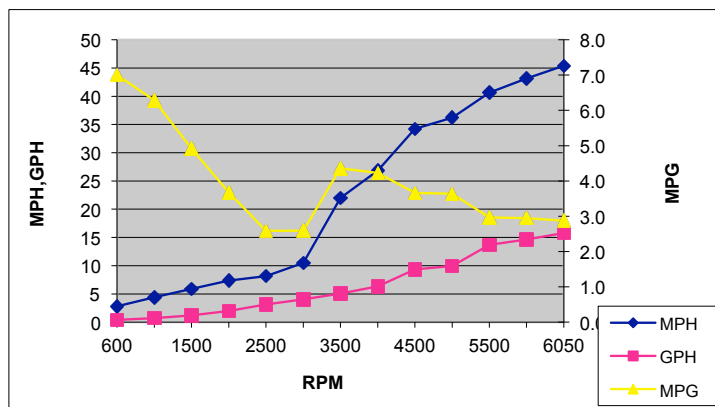
_____ 30 MPH @ _____ 4000 RPM

0 to 30 mph Full Load Accel. = _____ 9.9 sec.

Fuel Economy Data

RPM	MPH	MPG	RANGE*
600	2.8	7.00	378
1000	4.4	6.29	339
1500	5.9	4.92	266
2000	7.4	3.68	198
2500	8.2	2.59	140
3000	10.5	2.59	140
3500	22.0	4.36	235
4000	26.9	4.23	228
4500	34.3	3.66	198
5000	36.2	3.64	196
5500	40.7	2.97	160
5800	43.2	2.95	159
6050	45.4	2.87	155

*Range based on 90% of total fuel capacity



Note: Data may vary due to changes in weather, elevation, options and equipment, load and boat bottom conditions.
 Fuel data gathered with Yamaha's Command Link fuel management system. Speed data gathered with GPS receiver.